

1/10

FIG.1A

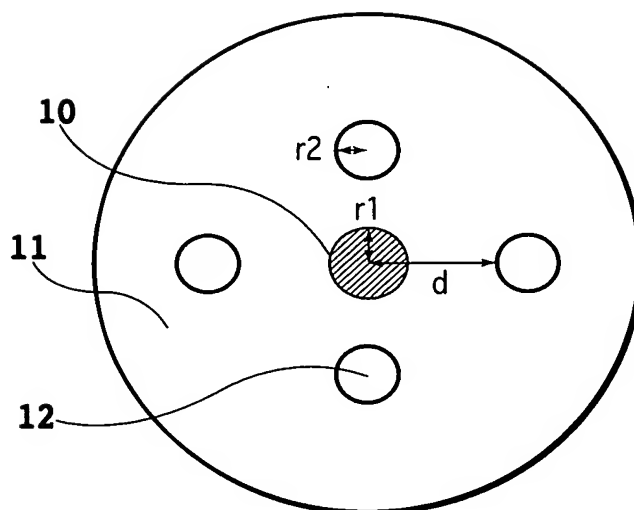


FIG.1B

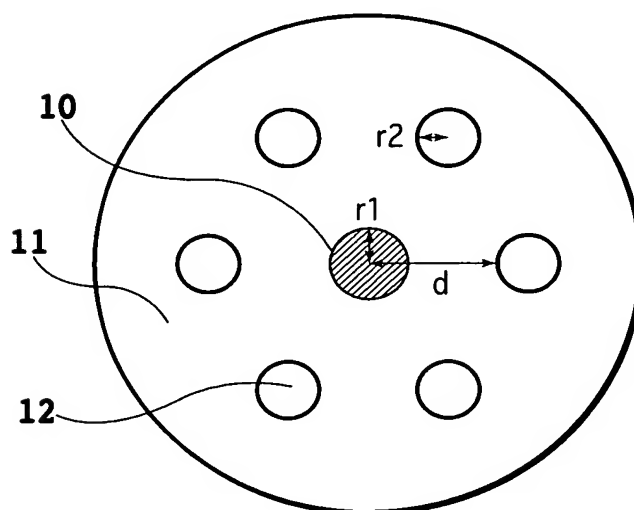
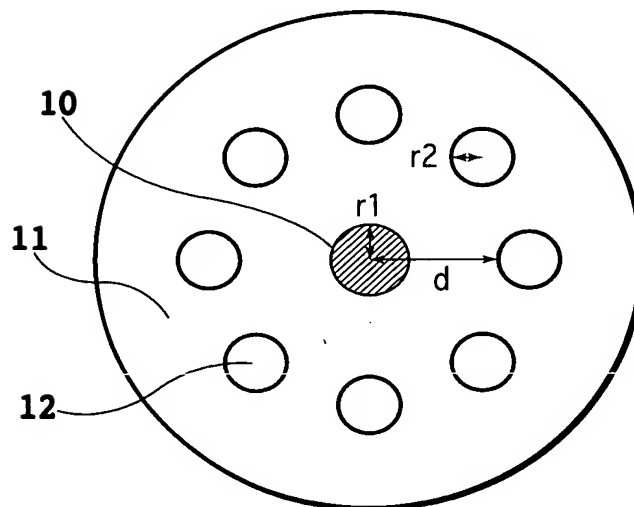


FIG.1C



2/10

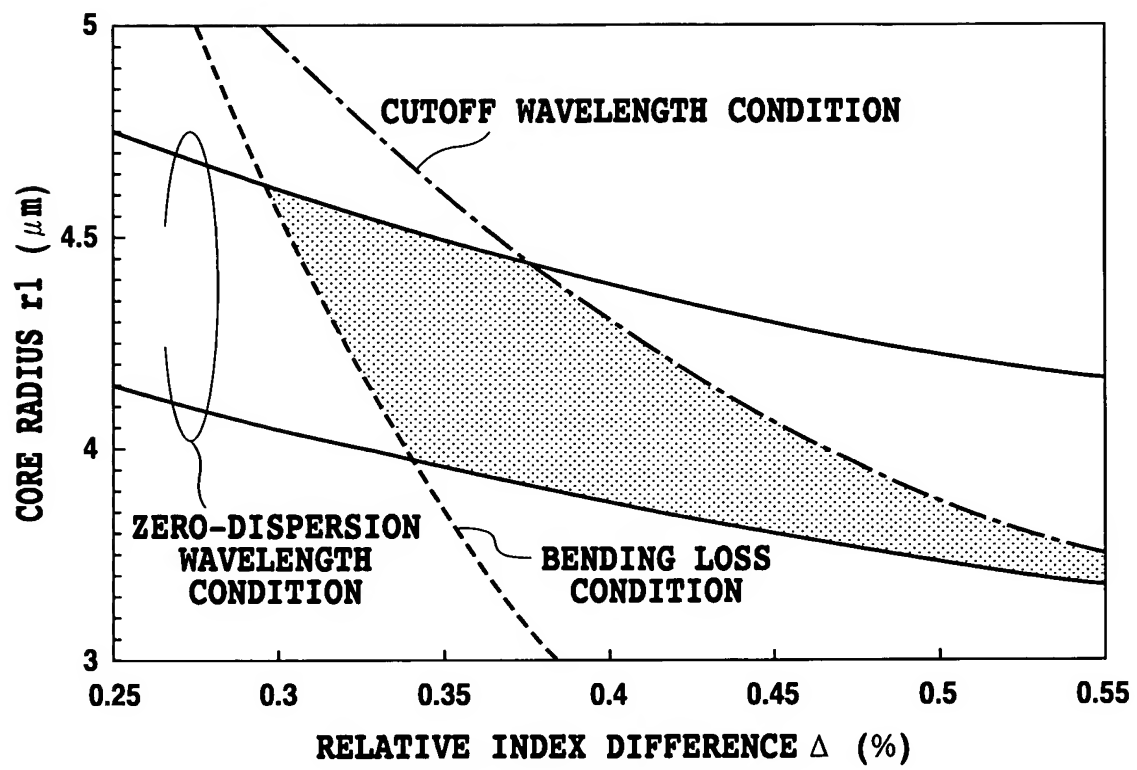


FIG.2
PRIOR ART

FIG.3A

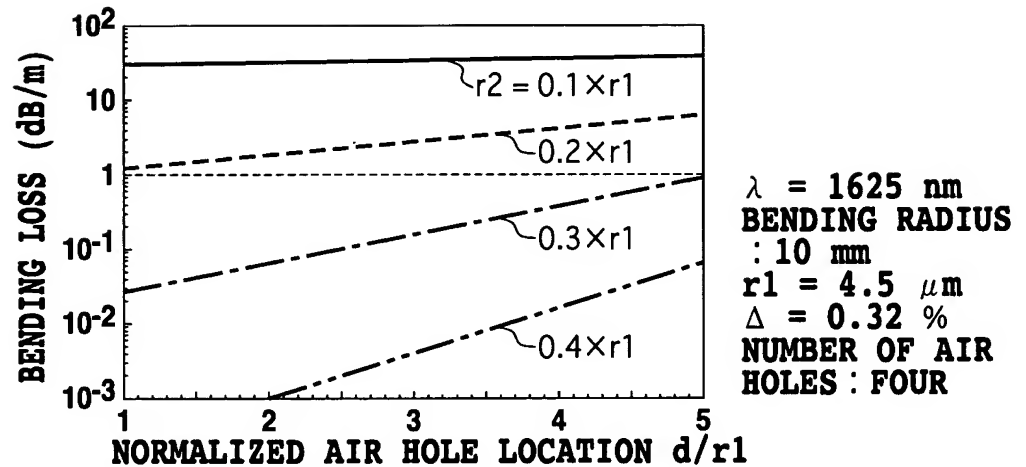


FIG.3B

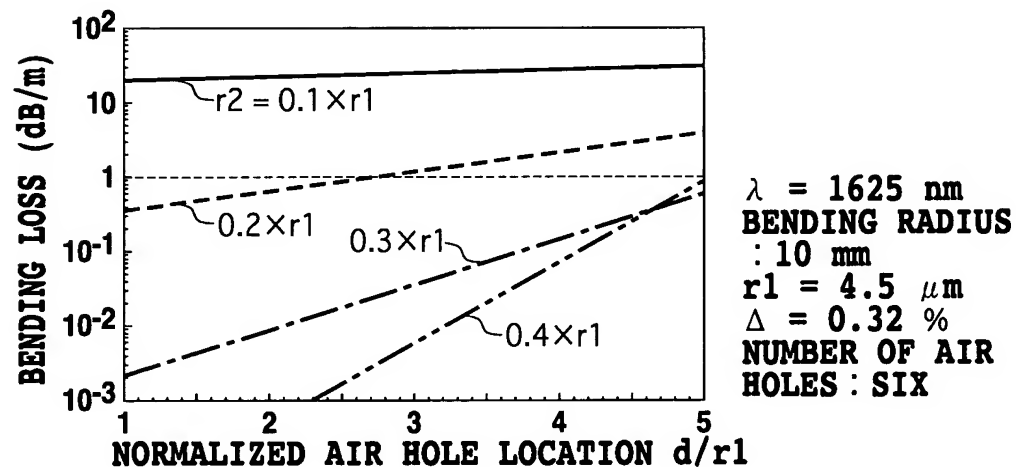
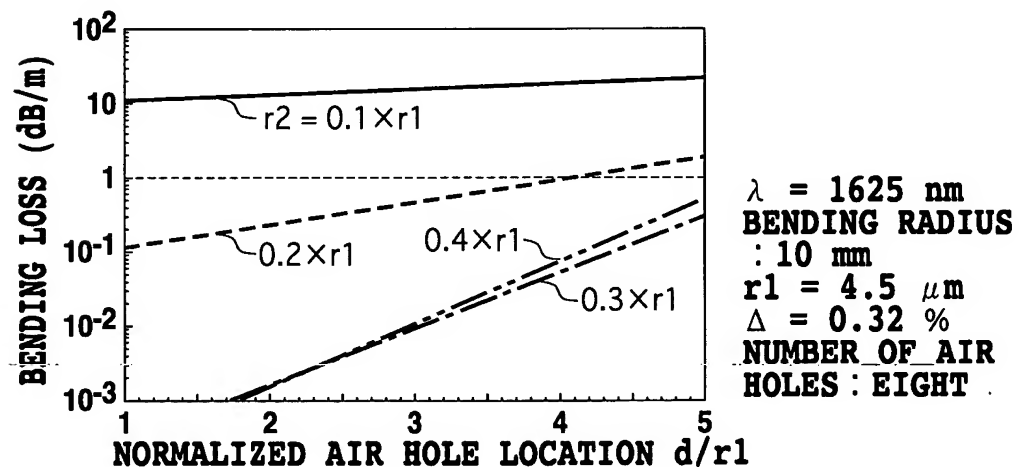


FIG.3C



4/10

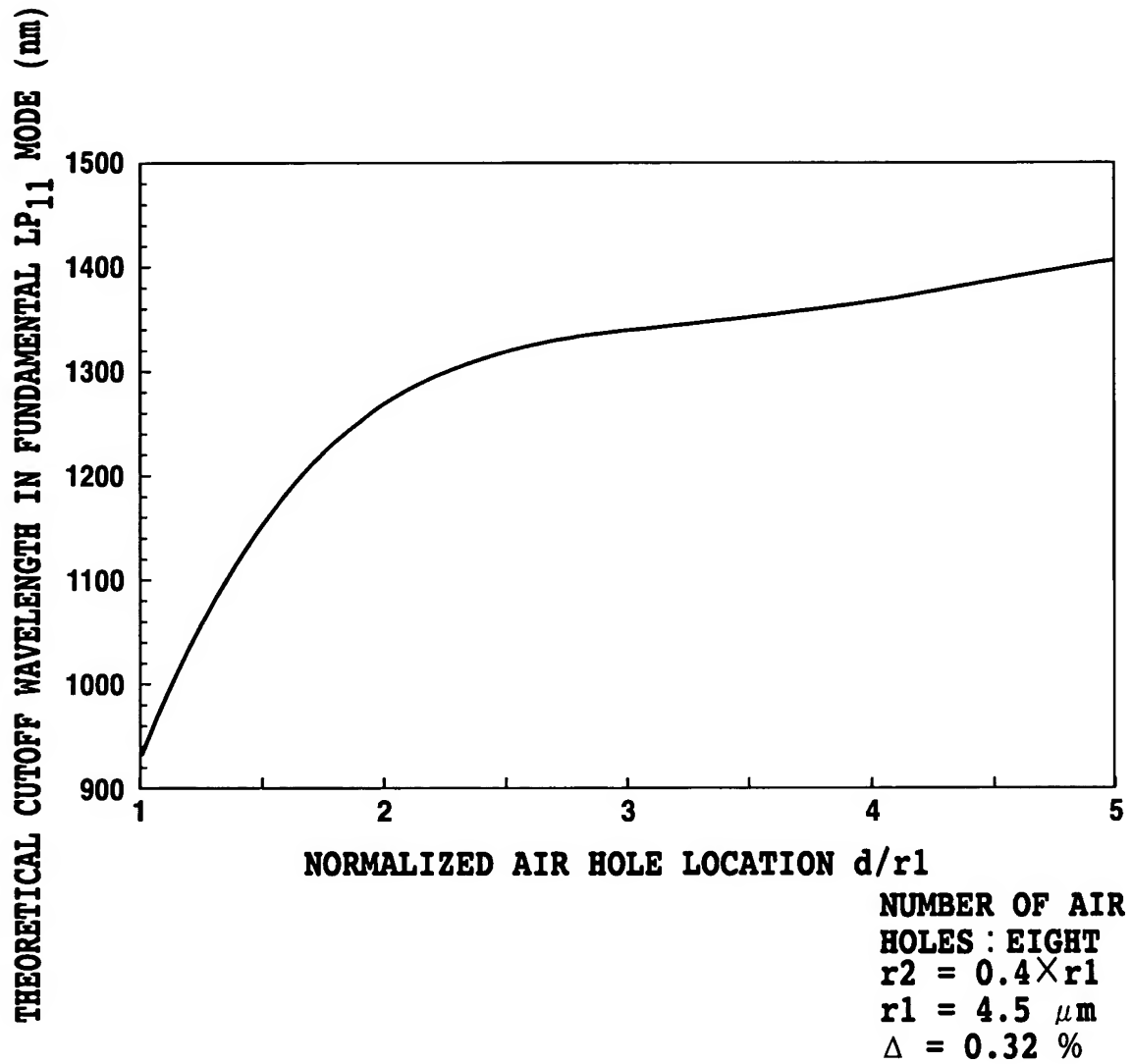
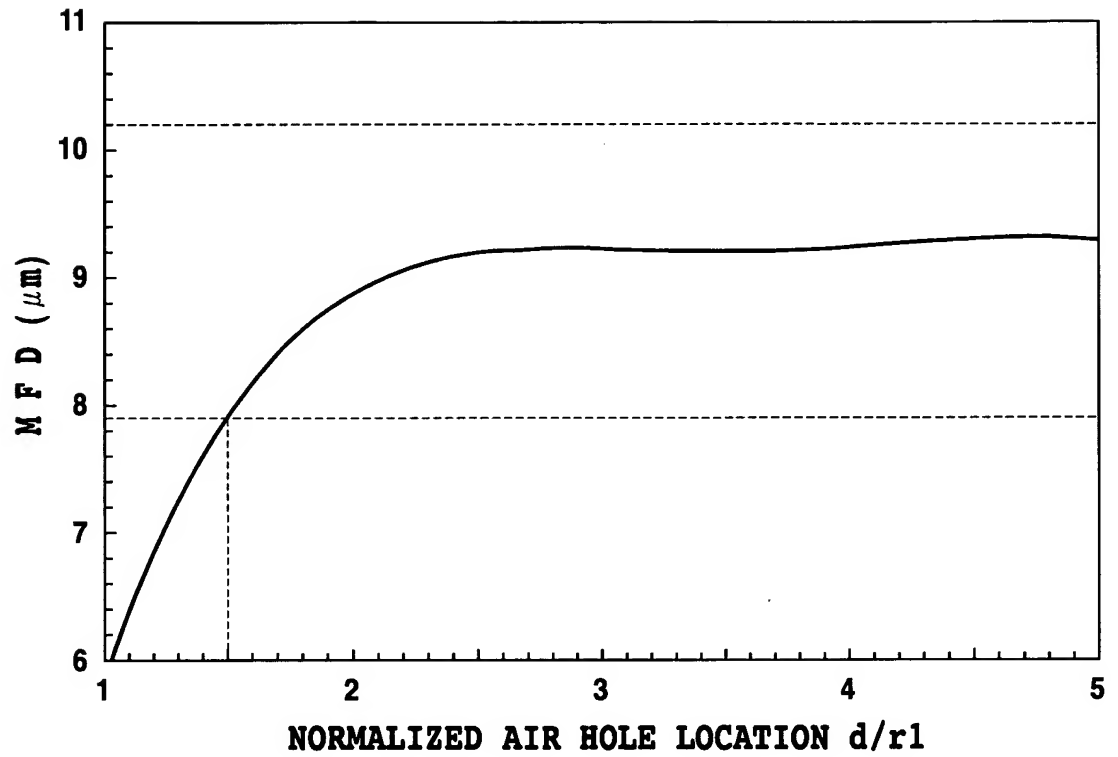
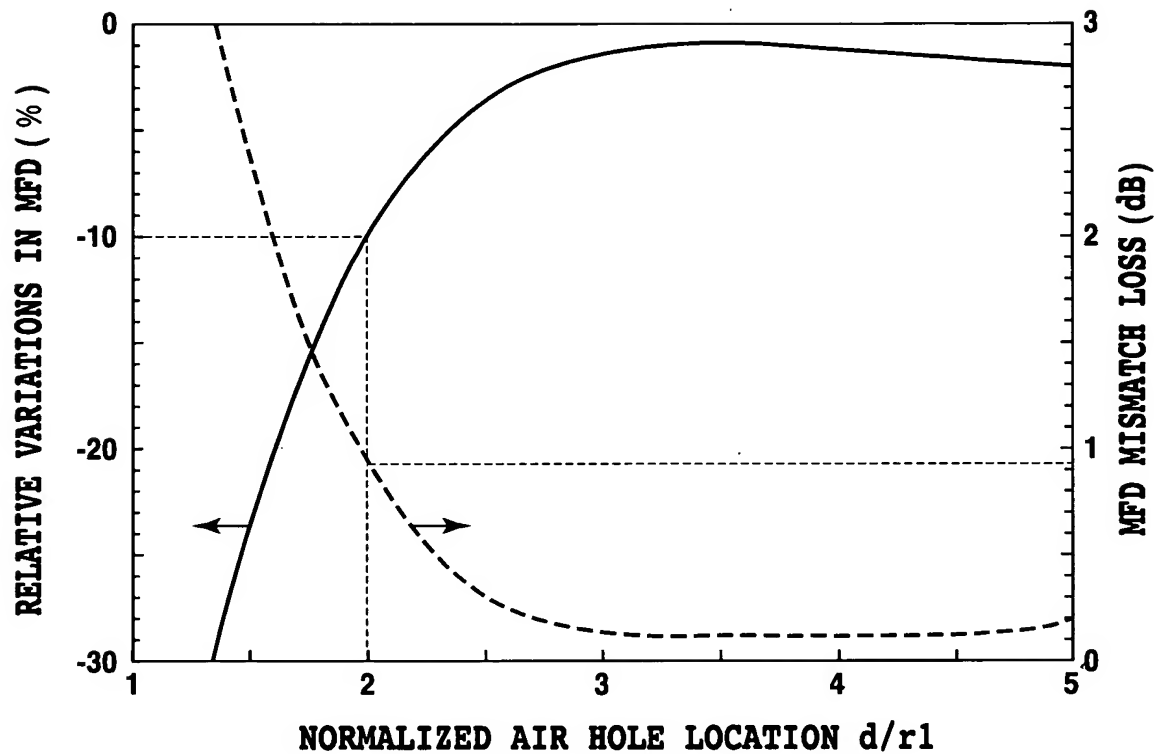


FIG.4



$\lambda = 1310 \text{ nm}$
NUMBER OF AIR
HOLES : EIGHT
 $r_2 = 0.4 \times r_1$
 $r_1 = 4.5 \mu\text{m}$
 $\Delta = 0.32 \%$

FIG.5



$\lambda = 1625 \text{ nm}$
NUMBER OF AIR
HOLES: EIGHT
 $r_2 = 0.4 \times r_1$
 $r_1 = 4.5 \mu\text{m}$
 $\Delta = 0.32 \%$

FIG.6

7/10

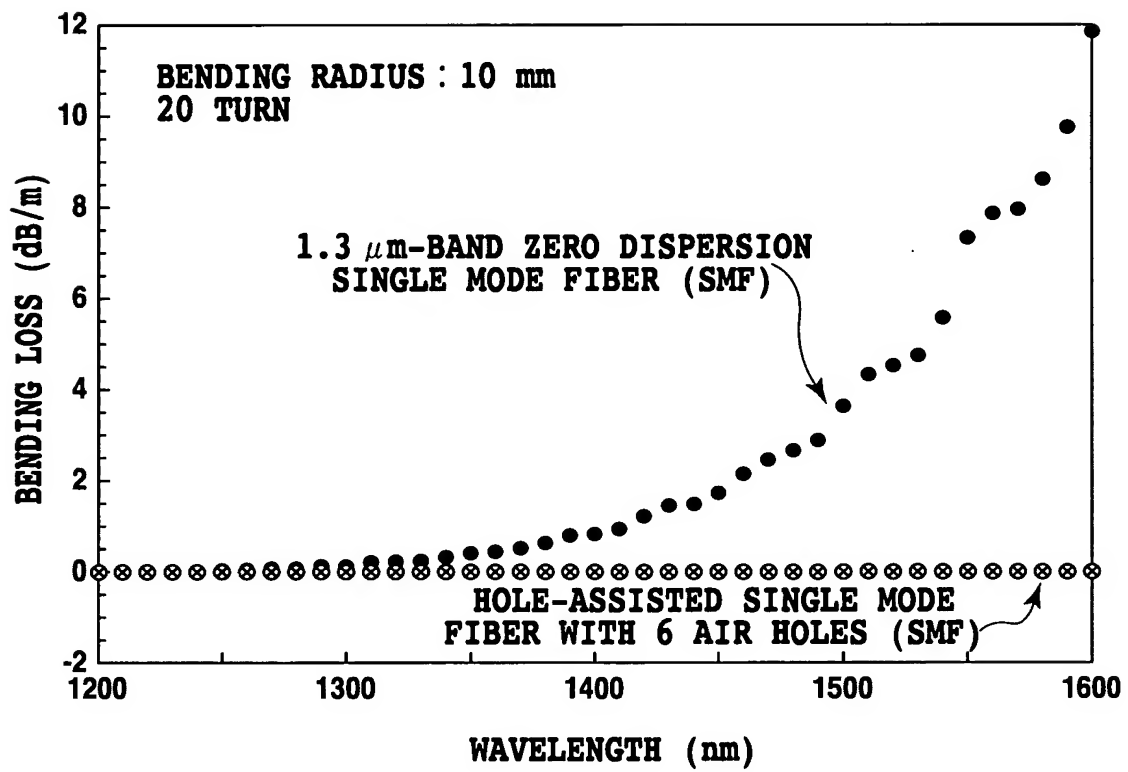


FIG.7

8/10

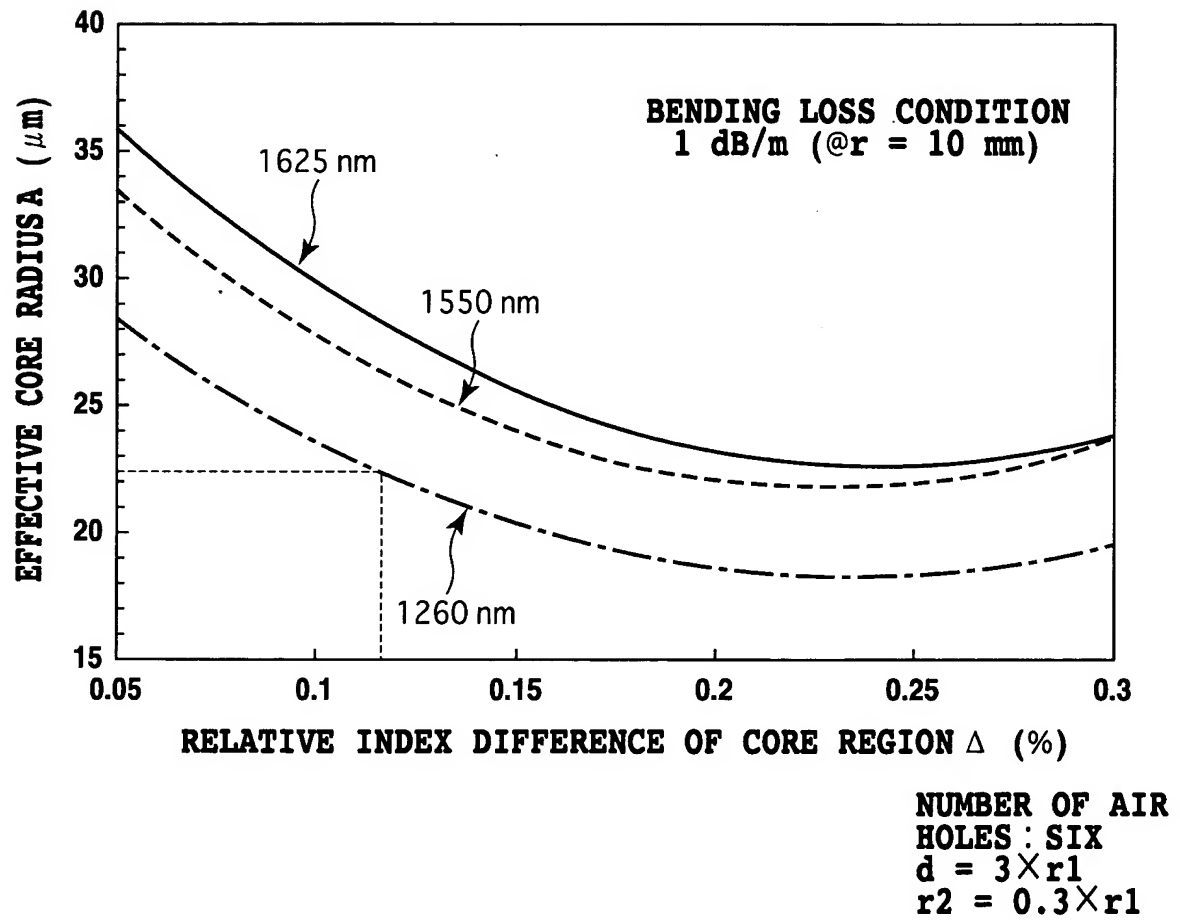
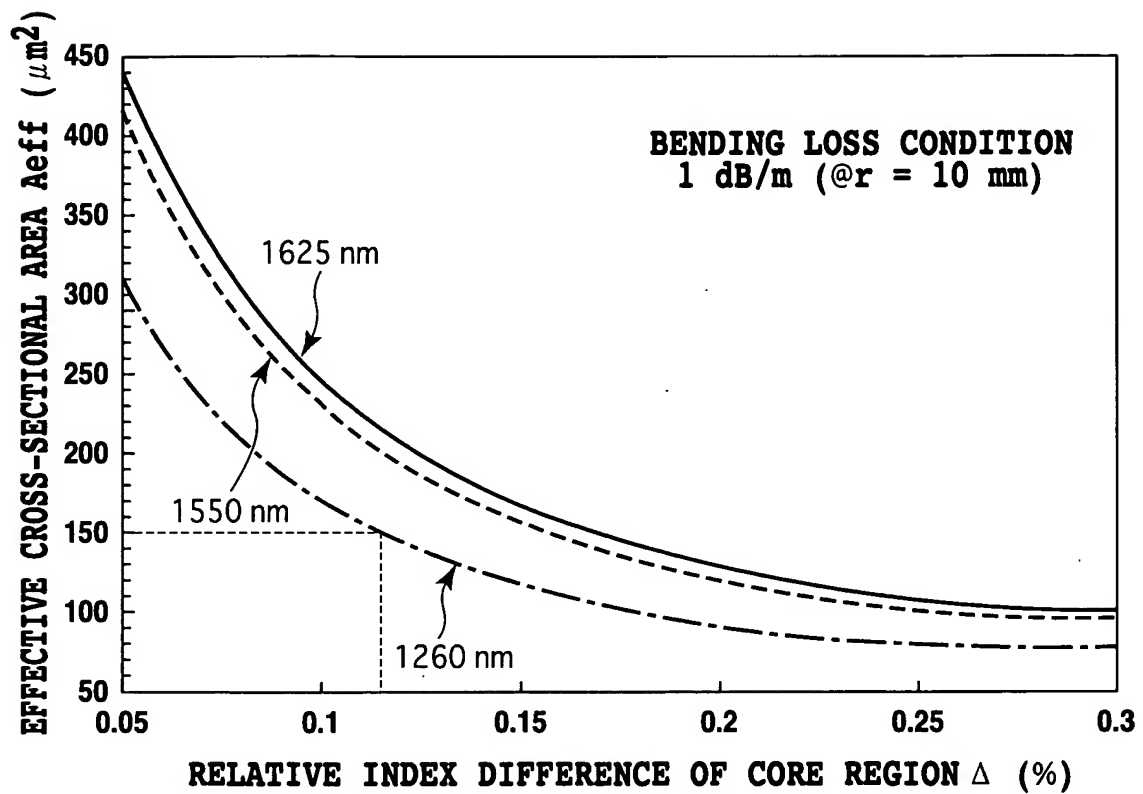


FIG.8

9/10



NUMBER OF AIR
HOLES : SIX
 $d = 3 \times r_1$
 $r_2 = 0.3 \times r_1$

FIG.9

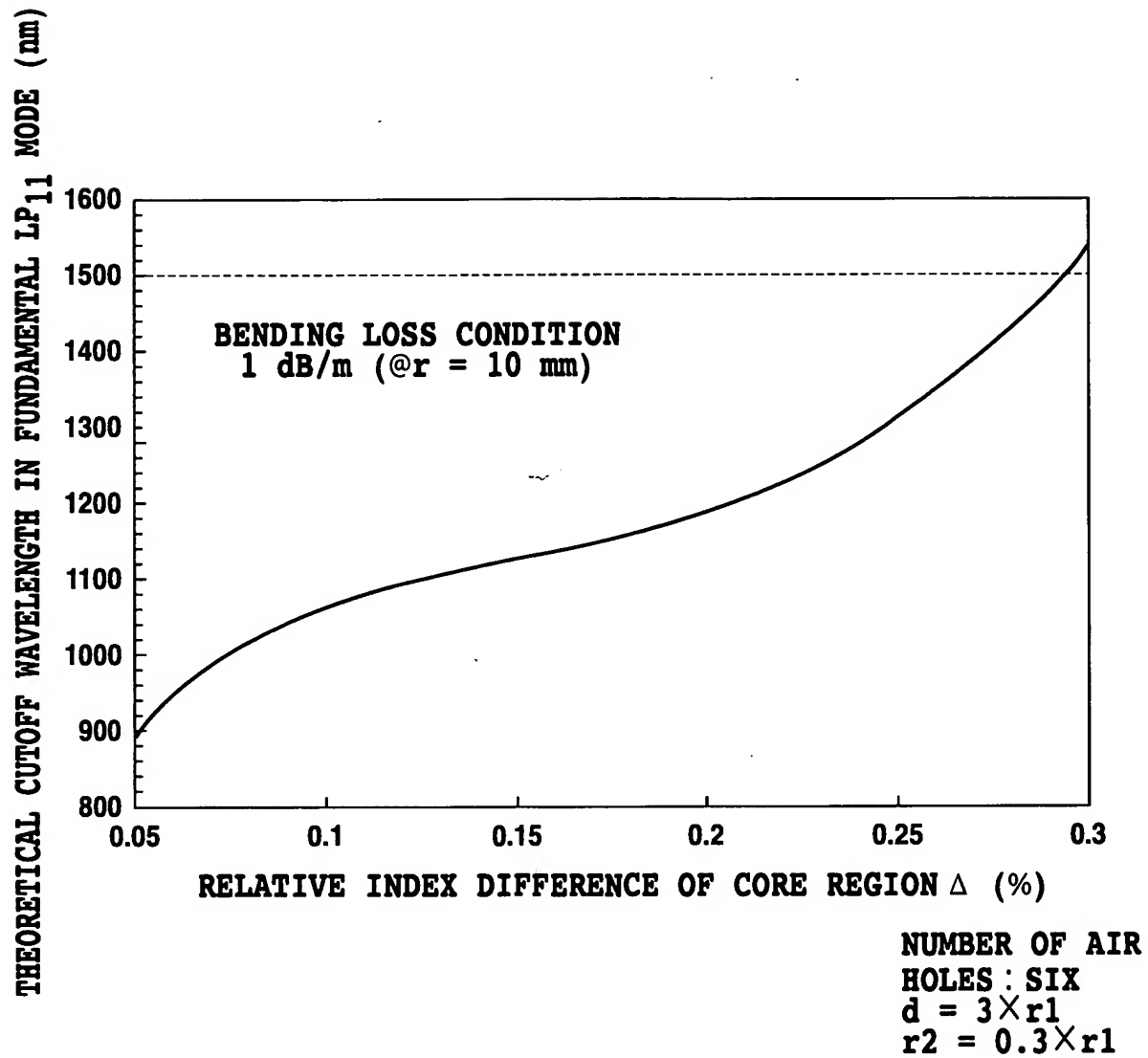


FIG.10